

ABSTRACT OF THE DISCLOSURE

A method of letting a single LAN port VoIP (voice over IP) device have network address translation function by means of the application of NAT (network address translation) technique of translating the private IP address of an organization 5 into a global IP address for use in the Internet to a VoIP device having a single LAN port to let multiple handsets of the VoIP device use a global IP address in the Internet to connect the Internet through a network apparatus and to perform Internet telephone communication through the VoIP address.